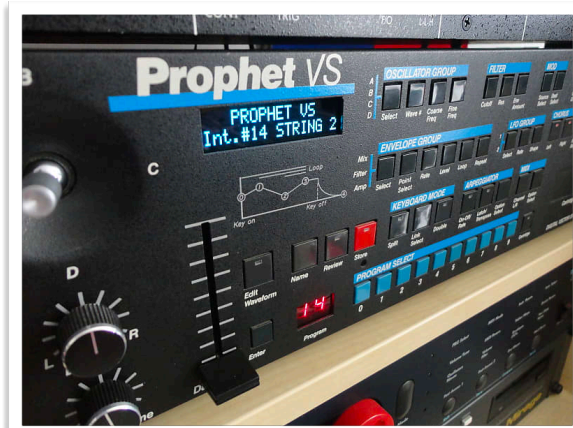


Installation Preparations

Use extreme caution at all times!

You are doing open heart surgery on a 30+ year old electronic instrument. One ESD discharge can fry any one of the vintage IC's on the main board! **BE VERY CAREFUL!**



TIPS TO AVOID ELECTROSTATIC DISCHARGE:

- Gather all the tools you need before installing your VS OLED DISPLAY.
- Avoid moving around the room to get things. It brings the possibility of static buildup and discharge. Don't work on carpeted floors!
- Touch the metal case to discharge static before you touch any interior circuitry.
- Always avoid touching circuit board components directly. Handle PCB from the edges.
- Wear an anti-static bracelet or other anti-static device if you have it.

Carefully follow the steps above and your installation will be a success!

Typical Desoldering Station



DESOLDERING TIPS & TRICKS:

To remove the Stock LCD Display it is recommended that you use professional vacuum solder removal tools.

Alternatively: Use a suitable braided solder wick, and a temperature controlled soldering iron with broad tip. Set the iron to 400°C and work quickly. Apply fresh leaded solder to stubborn joints.

BACKUP PRESETS:

Save a back-up of all your presets! This upgrade procedure may cause all of your presets to be erased. If you have a computer with "MIDI Librarian" software, transfer them to the computer as described in the VS manual.

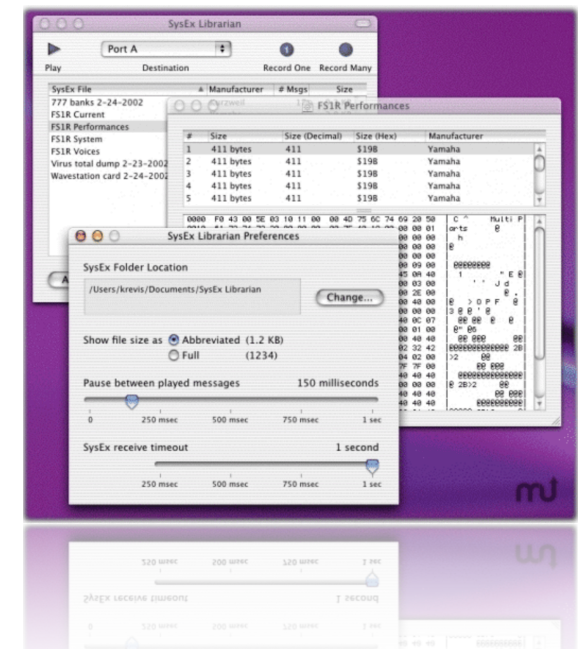
⚡ ESD Discharge ⚡

When you feel a static shock from touching something, that zap is in the area of 3000 - 4000 volts!

As little as 10 volts discharged can damage an EPROM, causing your VS to have a serious malfunction. You can damage an EPROM without even feeling a static shock. Please read this page carefully and follow these steps to minimize electrostatic discharge!

DISCLAIMER: You agree to release Bassmobile llc, its agents and assigns from all claims of liability, loss or damage of property related to the purchase and utilization of this product by any means. Use at your own risk.

SYSEX Librarian for Mac OS



SEQUENTIAL CIRCUITS

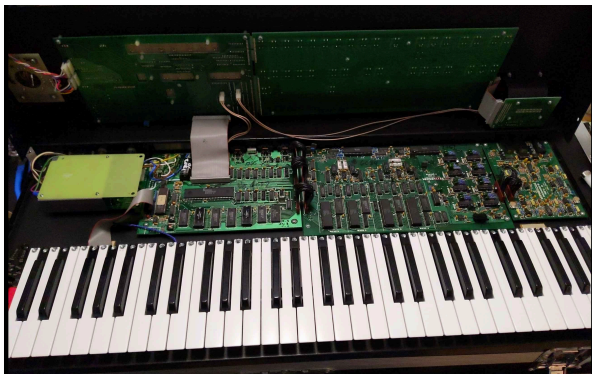
Prophet VS OLED

Upgrade Guide:



1. Open up the VS.

Unplug the VS. Remove all of the knobs & fader caps from the front panel potentiometers. Unscrew the Phillips screws from the sides that secure the front panel edges, the panel will swing up opening like a cars hood. Reference the SCI Service manual for more detailed instructions and screw locations. Once open, very carefully disconnect all wire headers from the front control PCB. Take note of their location and orientation.



VS with front panel open

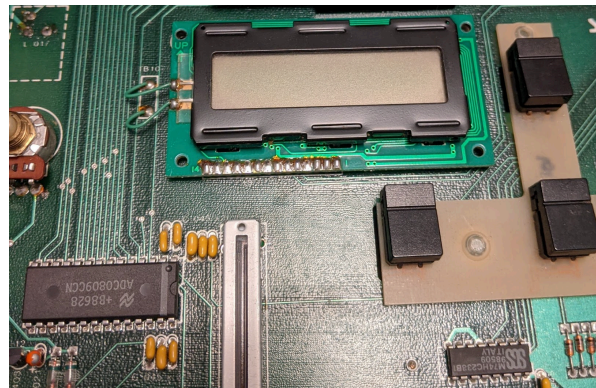
3. Extract the front panel PCB

It's a good idea to take notes, or photos while you disassemble to aid in reassembly. This will help you remember where everything goes. It's also a good idea to mark cable headers with a paint pen, or to tag them with labels to ensure that you get them connected back the way they were.

Once you've disconnected all the wire header connectors, begin to remove all the Phillips screws and carefully extract the PCB. Take caution with the interconnect between the two PCB halves. Provide support while you remove the last few screws.

4. Extracting the Stock LCD

First, using flush cut dykes, clip the two Green wires to the left of the display. These provided HV current to the electroluminescent backlight. You may also locate and remove the HV Inverter. Reference official SCI schematics for part ID and location. Desolder the pin header from the rear of the front panel PCB. If there are screws attaching the LCD in place, you may also remove them and set them aside for reuse. *Not all VS have stock mounting hardware. We don't know why...?*

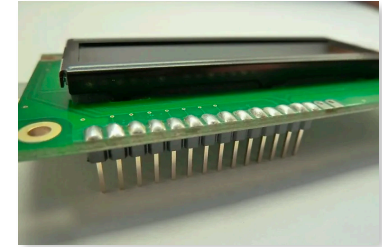


Stock LCD before removal

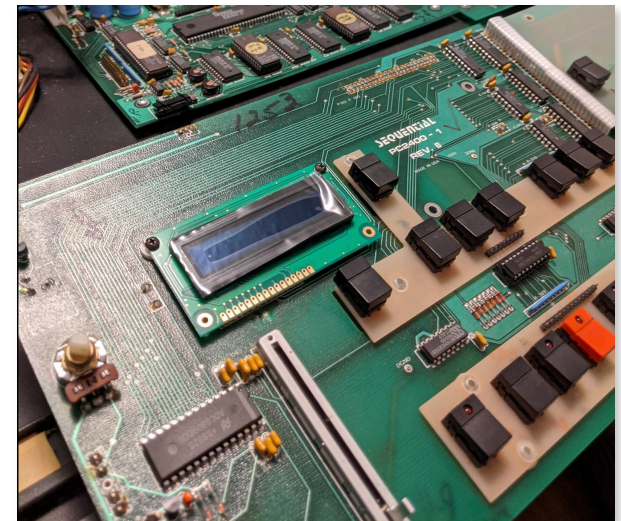
5. Install the OLED module.

Place the new OLED into position and solder the 14 data pins from the rear of the PCB.

OLED ready for install



OLED Installed ON front panel PCB



6. Reassemble & Restore patch backup

That's it. Put your VS back together, the way it came apart. Then restore the patches via the MIDI Sysex that you backed up earlier.

With the new OLED installed, your VS will take on a new life. Pour yourself a drink in celebration and enjoy!

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